

WHAT IS CLAIMED IS:

1. A method of distributing video content from a broadcast system between a host receiver and a client receiver, comprising:

5 (a) transmitting a family pairing key from the broadcast system to both the host receiver and the client receiver;

(b) decrypting program materials received by the host receiver from the broadcast system;

10 (c) generating a copy protection key at the host receiver using the family pairing key;

(d) encrypting the decrypted program materials at the host receiver using the copy protection key;

(e) transferring the encrypted program materials from the host receiver to the client receiver;

15 (f) generating the copy protection key at the client receiver using the family pairing key; and

(g) decrypting the transferred program materials at the client receiver using the copy protection key.

20 2. The method of claim 1, wherein the program materials received by the host receiver are encrypted using a media encryption key and the host receiver uses the media encryption key to decrypt the program materials .

25 3. The method of claim 1, further comprising decrypting the family pairing key at the host receiver using a receiver key uniquely associated with the host receiver.

4. The method of claim 1, wherein the copy protection key is generated by the host receiver using content information decrypted by the family pairing key.

30 5. The method of claim 4, wherein the content information comprises a content identifier.

6. The method of claim 5, wherein the content identifier is obtained from the program materials .

5 7. The method of claim 1, further comprising decrypting the family pairing key at the client receiver using a receiver key uniquely associated with the client receiver.

8. An apparatus for distributing video content from a broadcast system between a host receiver and a client receiver, comprising:

10 (a) means for transmitting a family pairing key from the broadcast system to both the host receiver and the client receiver;

(b) means for decrypting program materials received by the host receiver from the broadcast system;

15 (c) means for generating a copy protection key at the host receiver using the family pairing key;

(d) means for encrypting the decrypted program materials at the host receiver using the copy protection key;

(e) means for transferring the encrypted program materials from the host receiver to the client receiver;

20 (f) means for generating the copy protection key at the client receiver using the family pairing key; and

(g) means for decrypting the transferred program materials at the client receiver using the copy protection key.

25 9. The apparatus of claim 8, wherein the program materials received by the host receiver are encrypted using a media encryption key and the host receiver uses the media encryption key to decrypt the program materials .

30 10. The apparatus of claim 8, further comprising means for decrypting the family pairing key at the host receiver using a receiver key uniquely associated with the host receiver.

11. The apparatus of claim 8, wherein the copy protection key is generated by the host receiver using content information decrypted by the family pairing key.

5 12. The apparatus of claim 11, wherein the content information comprises a content identifier.

13. The apparatus of claim 12, wherein the content identifier is obtained from the program materials .

10 14. The apparatus of claim 8, further comprising means for decrypting the family pairing key at the client receiver using a receiver key uniquely associated with the client receiver.

15 15. An article of manufacture embodying logic for performing a method of distributing video content from a broadcast system between a host receiver and a client receiver, comprising:

(a) transmitting a family pairing key from the broadcast system to both the host receiver and the client receiver;

20 (b) decrypting program materials received by the host receiver from the broadcast system;

(c) generating a copy protection key at the host receiver using the family pairing key;

25 (d) encrypting the decrypted program materials at the host receiver using the copy protection key;

(e) transferring the encrypted program materials from the host receiver to the client receiver;

(f) generating the copy protection key at the client receiver using the family pairing key; and

30 (g) decrypting the transferred program materials at the client receiver using the copy protection key.

16. The article of claim 15, wherein the program materials received by the host receiver are encrypted using a media encryption key and the host receiver uses the media encryption key to decrypt the program materials .

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17. The article of claim 15, further comprising decrypting the family pairing key at the host receiver using a receiver key uniquely associated with the host receiver.

18. The article of claim 15, wherein the copy protection key is generated by the
10 host receiver using content information decrypted by the family pairing key.

19. The article of claim 18, wherein the content information comprises a content identifier.

15 20. The article of claim 19, wherein the content identifier is obtained from the program materials .

21. The article of claim 15, further comprising decrypting the family pairing key at the client receiver using a receiver key uniquely associated with the client receiver.

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